

DERWENT- 1987-181873

ACC-NO:

DERWENT- 198726

WEEK:

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TITLE: Water-contg. plaster - comprising polyacrylate monovalent salt, hydrophilic polymer having carboxyl gps., aluminium salt, poly:ol, etc.

PATENT-ASSIGNEE: NITTO ELECTRIC IND CO[NITL]

PRIORITY-DATA: 1985JP-0251733 (November 8, 1985)

PATENT-FAMILY:

| PUB-NO | PUB-DATE | LANGUAGE | PAGES | MAIN-IPC |
|-------------|----------------|----------|-------|----------|
| JP 62111918 | A May 22, 1987 | N/A | 007 | N/A |

APPLICATION-DATA:

| PUB-NO | APPL-DESCRIPTOR | APPL-NO | APPL-DATE |
|--------------|-----------------|----------------|------------------|
| JP 62111918A | N/A | 1985JP-0251733 | November 8, 1985 |

INT-CL A01N025/10, A61K007/46 , A61K009/70 , A61K049/00 ,
(IPC): A61L015/06

ABSTRACTED-PUB-NO: JP 62111918A

BASIC-ABSTRACT:

Plaster contains, as main components, polyacrylate monovalent salt and water in an amt. of 20-80 wt.%, hydrophilic polymers which have carboxyl gp., aluminium salts, polyhydric alcohols and drugs for percutaneous absorption.

Usable polyacrylate monovalent salts are those whose wt. average molecular wt. is more than 1000000 and whose stoichiometrical neutralised ratio is 50-100%. Pref. content of polyacrylate

monovalent salts is 3-30 wt.%. Pref. content. of Al salts is 0.005-0.2 wt.%.

USE/ADVANTAGE - The structure of gel is rigid and shape of gel is kept at higher temp.. Because of the richness of water content, coolness is kept for a long time and the effect of percutaneous drug is maintained. Adhesion to the skin is good and safety is higher than plaster using epoxy crosslinking agent or urethane crosslinking agent. Because of high content of polyhydric alcohols, either lipophilic or hydrophilic drug can be dissolved.

CHOSEN- Dwg.0/0
DRAWING:

TITLE- WATER CONTAIN PLASTER COMPRISE POLYACRYLATE MONOVALENT
TERMS: SALT HYDROPHILIC POLYMER CARBOXYL GROUP ALUMINIUM SALT
POLY OL

DERWENT-CLASS: A14 A96 B07 D22 P34

CPI-CODES: A04-F04; A12-V01; A12-V03A; B04-C03B; B05-A01B; B12-M02D;
D09-C04B;

CHEMICAL- Chemical Indexing M1 *01* Fragmentation Code H7 H714 H721
CODES: J0 J011 J1 J171 M210 M212 M262 M281 M320 M423 M430 M510
M520 M530 M540 M630 M782 M903 M904 M910 R021 R041 V0 V742
Specfic Compounds 06726M Registry Numbers 87140 1286M

Chemical Indexing M2 *02* Fragmentation Code A313 A940
A960 C710 C730 M411 M417 M430 M782 M903 R021 R041 Registry
Numbers 87140 1286M

Chemical Indexing M6 *03* Fragmentation Code M903 R021
R041 R111 R210 R263 Registry Numbers 87140 1286M

UNLINKED-DERWENT-REGISTRY-NUMBERS: ; 1845U

POLYMER-MULTIPUNCH-CODES-AND-KEY-SERIALS:

Key Serials: 0231 0402 0409 2001 2512 3250 2585 2604 2628 3252 2669
2766 3286

Multipunch 014 04- 074 075 076 231 24- 331 501 504 52& 525 532 533
Codes: 535 54& 541 542 55& 551 560 566 575 583 589 597 600 645
688

SECONDARY-ACC-NO:

CPI Secondary Accession Numbers: C1987-075773

Non-CPI Secondary Accession Numbers: N1987-136078